Original/Duplicate/Triplicate

P.W.G. 17 NO — 1st and final Bill — **CONTRACT CERTIFICATE** — Reference paras 158 & 170

AEE, YSTSD

Division Yelahanka — Sub division Yelahanka New Town — Date

Bills received No — Date — Sub-divisional / Divisional — Cash book vr No SBR No: 57/12-18 — Date 31-7-2017

Sheduled Docket No — P-177) Head of account

Name of work(as per sanctioned estimate) :-

**NAME OF WORK :Providing asphalting to main and cross roads of Someshwaranagara in ward no 04**

**Work Code:004-17-000045**

Name of contractor and full address :- **Thilak Kumar H S**

Reference to agreement No :- 53 — **Estimated cost : 20.00** — **Work order No :53, dt:29/05/2017**

Certified that the measurments were taken by me on 31/07/17 and recorded on pages 463044 to 061 of measurment book No 4631 and the work is satisfactorily executed by the contractor.

Signature of contractor — Asst. Engineer

Certified that the measurments were taken by me on 31.07.17 and recorded correct.The work is satisfactorily executed. Certified that the quantities of materials shown in column 3 of account II have been actualy brought to site of work and the contractor has not previously received any advance on this security. These materials are of any imperishable nature and are all required by the contractor for immidiate use on the work in connection with items for which rates finished work have been agreed upon.A formal agreement signed and executed by the contractor is recorded in divisional office.

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ಯಲಹಂಕ ಉಪ-ವಿಭಾಗ ಯಲಹಂಕ.
ಬ.ಜ.ಪಾ.ಪ. ಬೆಂಗಳೂರು-106

**II MEMORANDUM OF PAYMENT**

| | | |
|---|---|---|
| 1) Total value of work done or supplies as per A/c within | | |
| 2) Deduct amount to be held in reserve being-----percent Rs----------%--------- | | |
| 3) Balance--- | 1st & Final | 1963611=00 |
| 4) Deduct payments | | |
| a) Amount of previous payment as in divisional/sub divisional cash book vr No----------dated----------S.D No----------Amount adjusted towards cash advance recovery of | 1% CGST | 19637=00 |
| | 1% SGST | 19637=00 |
| b) Cost of payments/stores or other materials supplied now made recovery of | 1% IT | 19637=00 |
| | 1% LC | 19637=00 |
| Amount paid on this bill by cheque/cash | 0.1% CBF | 1964=00 |
| | Royalty | 46274=00 |
| Total | T.D | 126786=00 |
| 5). Balance being unpaid value of work done held in reserve | | |
| 6) Deduct cash of advance made on divisional/sub divisional cash book | | |
| 7) Net amount due to or from contractor. | Net | 1836825=00 |
| **UN ADJUSTED ITEMS** | | |
| 8) Advance to contractor for materials to site(as detailed within) | | |
| 9) Value of government materials supplied. | | |
| TOTAL AMOUNT UN-ADJUSTED | | |

**Contractor's signatures**

Received Rs----------(in words)----------

For use in the Executive Engineer's office----------

of payment as per memorandum
(in final settlement of all demand)

Witness
1)
2)

Reciept Stamp

Audited & Admitted for Rs. 1963611=00
126786=00 by Cheque
and Rs. 1836825=00 by adjustment

Dated signature of contractor
paid by me cheque No dated

Cash Rs.....

Date — Initials of officer making payment — Date — Executive Engineer

| Sl. No | Items grouped under Sub-heads and Sub-works of the estimate | Unit | Previous Measurement | | Present Measurement | | | Total Up to date | |
|---|---|---|---|---|---|---|---|---|---|
| | | | Qty | Cost | Qty | Rate | Amount | Qty | Cost |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 1 | Earthwork excavation for foundation of buildings, culverts, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per | Cum | | | 109.45<br>110.00 | 200.00 | 21890<br>~~22000.00~~ | 109.45<br>110.00 | 21890<br>22000.00 |
| 2 | KSRRB M100-1 Loading and Unloading of Stone Boulder / Stone aggregates /Sand/ Kanker / Moorum.<br>KSRRB M100-1 : Placing tipper at loading point, loading with front end loader,dumping, turning for return trip, excluding time for haulage and return trip | Cum | | | 109.45<br>110.00 | 85.00 | 9303<br>~~9350.00~~ | 109.45<br>~~110.00~~ | 9303<br>~~9350.00~~ |
| 3 | Providing and laying in positionplain cement concrete of nominal mix 1:4:8 40mm and down size graded granite metal machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM | Cum | | | 16.38<br>16.50 | 5000.00 | 81900<br>82500.00 | 16.38<br>16.50 | 81900.00<br>82500.00 |

| Sl. No | Items grouped under Sub-heads and Sub-works of the estimate | Unit | Previous Measurement | | Present Measurement | | | Total Up to date | |
|---|---|---|---|---|---|---|---|---|---|
| | | | Qty | Cost | Qty | Rate | Amount | Qty | Cost |
| 4 | Providing and laying in position plain cement concrete of mix M20 with OPC cement @ 320 kgs with 20 mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregates @ 0.460 cum with superplatersisre @ 3 lts confirming to IS9103-1999 reffirmes machine mixed mixed exceeing 15 cms thick vibrated for all works in foundation plinth and ground floor level fo roof slabs staircse lintels retaining walls returns walls ,walls (any thickness) incldung attached plasters columns piers abutments pillars, posts struts butterssess string or lacing coueses papapets coping bed blocks anchor | Cum | | | 37.95 | 6200.00 | 235290.00 | 37.95 | 235290.00 |
| 5 | KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as | Qtl | | | 26.57 | 5600.00 | 148792.00 | 26.57 | 148792.00 |

| Sl. No | Items grouped under Sub-heads and Sub-works of the estimate | Unit | Previous Measurement | | Present Measurement | | | Total Up to date | |
|---|---|---|---|---|---|---|---|---|---|
| | | | Qty | Cost | Qty | Rate | Amount | Qty | Cost |
| 6 | KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of | Sqm | | | 289.75<br>~~308.00~~ | 305.00 | 88373<br>~~93940.00~~ | 289.75<br>308.00 | ~~88373.00~~<br>~~93940.00~~ |
| 7 | RCC Precast covering slab for drain (10 cm thick) | Sqm | | | 81<br>82.50 | 2100.00 | 170100<br>~~173250.00~~ | 81<br>~~82.50~~ | 170100.00<br>~~173250.00~~ |
| 8 | Cleaning the exising black topped surfrace with brooms, soft brushes and finally duting with old gunny bags and / or compressed air to bitumnous treatment incldluing cost of all materials | Sqm | | | 2356.75<br>2397.50 | 3.00 | ~~7070~~<br>~~7192.50~~ | 2356.75<br>2397.50 | ~~7070~~<br>~~7192.50~~ |
| 9 | Providing, laying, spreading and compacting graded stones aggregate to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting | Cum | | | 147.63<br>148.00 | 1768.00 | 261009<br>~~261664.00~~ | 147.63<br>~~148.00~~ | 261009.00<br>~~261664.00~~ |

| Sl. No | Items grouped under Sub-heads and Sub-works of the estimate | Unit | Previous Measurement | | Present Measurement | | | Total Up to date | |
|---|---|---|---|---|---|---|---|---|---|
| | | | Qty | Cost | Qty | Rate | Amount | Qty | Cost |
| 10 | Providing and applying primer coat with bitumen emulsion on prepared surface of granular base including clearing of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications. | Cum | | | ~~830~~ 882.50 | 27.00 | 23490 ~~23827.50~~ | ~~830~~ 882.50 | 23490 ~~23827.50~~ |
| 11 | Providing, laying dense graded bituminous macadam using 40/60 TPH capacity HMP with mechanical paver Gr-II (50mm to 75mm) crushed aggregated of specified grading premixed with 4.5% VG 30 grade bitumnous binde and transporting the hot mix to work site laying to the required level and grade rolling with smooth wheeled vibratory and tandem rollers to achieve the | Cum | | | 24.00 | 6435.00 | 154440.00 | 24.00 | 154440.00 |
| 12 | Providing and applying tack coat on the prepared black topped surfaces at 5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface ) including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH Chapter 5 | Sqm | | | 23822 2397.50 | 14.00 | 33374 ~~33565.00~~ | ~~2388~~ ~~2397.50~~ | 33374.00 ~~33565.00~~ |

| Sl. No | Items grouped under Sub-heads and Sub-works of the estimate | Unit | Previous Measurement | | Present Measurement | | | Total Up to date | |
|---|---|---|---|---|---|---|---|---|---|
| | | | Qty | Cost | Qty | Rate | Amount | Qty | Cost |
| 13 | Providing and laying dense bituminous macadam using 40/60THP capacity HMP with Mechanical pver Gr -II (30mm to 45mm) crushed aggregates to specified gradeing premixed with 6% VG 30 grade bitumnous binder and transporting the hot mix to work site, laying to the required level and grade rolling with smooth wheeled vibratory and tandam rollers to achieve the desired compaction as | Cum | | | 95.72 95.90 | 7177.85 | 687063 ~~688355.82~~ | 95.72 ~~95.90~~ | 687063 ~~688355.82~~ |
| 14 | M800-13.Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface:- Providing and laying of hot applied thermoplastic compound2.5 mm thick including reflectorising glass beads at 250 gms per sqmarea, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and | Sqm | | | 76.6 ~~77.00~~ | 542.00 | 41517.00 ~~41734.00~~ | 76.6 ~~77.00~~ | 41517.00 ~~41734.00~~ |
| | | | | | TOTAL | | ~~1975900.82~~ 1975000 1963611.00 | | ~~1975900.82~~ 1975000 1963611.00 |

Ward No 04
Assistant Engineer

Assistant Exceecutive Engineer
Yelahanka Satellite Town Sub Division
BBMP, Bangalore-64